

AMENDMENTS TO THE CLAIMS

Please amend Claim 1 and add Claims 2-40 as follows.

1 1. (Currently Amended) A machine implemented method, comprising:
2 providing sending a Web page resident on a customer Web server to a requesting user,
3 said the Web page including static content represented by an embedded URL; and
4 wherein the static content is served by a plurality of [[w]]Web caches within a POP
5 server network.

1 2. (New) The method of Claim 1, wherein the sending step further comprises:
2 determining traffic loads of a plurality of customer Web servers using a probe server;
3 selecting the customer Web server from the plurality of customer Web servers using a
4 DNS server, the customer Web server having a traffic load more appropriate for a user request
5 than traffic loads of other customer Web servers in the plurality of customer Web servers; and
6 sending the user request for the Web page to the customer web server.

7 3. (New) The method of Claim 2, wherein the traffic loads include latency
8 measurements between the probe server and the plurality of customer Web servers.

1 4. (New) The method of Claim 2, wherein the determining traffic loads step
2 measures traffic loads at predetermined intervals.

1 5. (New) The method of Claim 1, further comprising:
2 determining service metrics of the plurality of Web caches using a probe server;
3 selecting a Web cache from the plurality of Web caches using a DNS server, the Web
4 cache having service metrics more appropriate for a user request from the Web page than service
5 metrics of other Web caches in the plurality of Web caches;
6 sending the user request for the static content to the Web cache; and
7 wherein the Web cache sends the static content to the requesting user.

1 6. (New) The method of Claim 5, wherein the service metrics include metrics
2 selected from: HTTP response time, FTP response time, CPU load, memory load.

1 7. (New) The method of Claim 5, wherein the determining service metrics step
2 determines service metrics at predetermined intervals.

1 8. (New) The method of Claim 5, further comprising:
2 determining whether the requested static content is resident on the Web cache;
3 determining a customer Web server that has the requested static content when the
4 requested static content is not resident on the Web cache;
5 wherein the Web cache retrieves the requested static content from the customer Web
6 server; and

7 storing the requested static content from the customer Web server on the Web cache.

1 9. (New) The method of Claim 8, wherein the customer Web server from which
2 static content is retrieved is predetermined.

1 10. (New) The method of Claim 1, wherein the network of POP servers comprises
2 more than one DNS server.

1 11. (New) A method, comprising:
2 sending a Web page resident on a customer Web server to a requesting user, the Web
3 page including cacheable content represented by an embedded URL and dynamic content
4 represented by a second embedded URL;
5 wherein the dynamic content is served by a plurality of customer Web servers; and
6 wherein the cacheable content is served by a plurality of Web caches within a POP server
7 network.

1 12. (New) The method of Claim 11, wherein the sending step further comprises:
2 determining traffic loads of the plurality of customer Web servers using a probe server;

3 selecting the customer Web server from the plurality of customer Web servers using a
4 DNS server, the customer Web server having a traffic load more appropriate for a user request
5 than traffic loads of other customer Web servers in the plurality of customer Web servers; and
6 sending the user request for the Web page to the customer web server.

1 13. (New) The method of Claim 12, wherein the traffic loads include latency
2 measurements between the probe server and the plurality of customer Web servers.

1 14. (New) The method of Claim 12, wherein the determining traffic loads step
2 measures traffic loads at predetermined intervals.

1 15. (New) The method of Claim 11, further comprising:
2 determining service metrics of the plurality of Web caches using a probe server;
3 selecting a Web cache from the plurality of Web caches using a DNS server, the Web
4 cache having service metrics more appropriate for a user request from the Web page than service
5 metrics of other Web caches in the plurality of Web caches;
6 sending the user request for the static content to the Web cache; and
7 wherein the Web cache sends the static content to the requesting user.

1 16. (New) The method of Claim 15, wherein the service metrics include metrics
2 selected from: HTTP response time, FTP response time, CPU load, memory load.

1 17. (New) The method of Claim 15, wherein the determining service metrics step
2 determines service metrics at predetermined intervals.

1 18. (New) The method of Claim 15, further comprising:
2 determining whether the requested static content is resident on the Web cache;
3 determining a customer Web server that has the requested static content when the
4 requested static content is not resident on the Web cache;

5 wherein the Web cache retrieves the requested static content from the customer Web
6 server; and

7 storing the requested static content from the customer Web server on the Web cache.

1 19. (New) The method of Claim 18, wherein the customer Web server from which
2 static content is retrieved is predetermined.

1 20. (New) The method of Claim 11, wherein the network of POP servers comprises
2 more than one DNS server.

1 21. (New) An apparatus, comprising:

2 a module for sending a Web page resident on a customer Web server to a requesting user,
3 the Web page including static content represented by an embedded URL; and
4 wherein the static content is served by a plurality of Web caches within a POP server
5 network.

1 22. (New) The apparatus of Claim 21, wherein the sending module further
2 comprises:

3 a module for determining traffic loads of a plurality of customer Web servers using a
4 probe server;

5 a module for selecting the customer Web server from the plurality of customer Web
6 servers using a DNS server, the customer Web server having a traffic load more appropriate for a
7 user request than traffic loads of other customer Web servers in the plurality of customer Web
8 servers; and

9 a module for sending the user request for the Web page to the customer web server.

1 23. (New) The apparatus of Claim 22, wherein the traffic loads include latency
2 measurements between the probe server and the plurality of customer Web servers.

1 24. (New) The apparatus of Claim 22, wherein the determining traffic loads module
2 measures traffic loads at predetermined intervals.

1 25. (New) The apparatus of Claim 21, further comprising:
2 a module for determining service metrics of the plurality of Web caches using a probe
3 server;

4 a module for selecting a Web cache from the plurality of Web caches using a DNS
5 server, the Web cache having service metrics more appropriate for a user request from the Web
6 page than service metrics of other Web caches in the plurality of Web caches;
7 a module for sending the user request for the static content to the Web cache; and
8 wherein the Web cache sends the static content to the requesting user.

1 26. (New) The apparatus of Claim 25, wherein the service metrics include metrics
2 selected from: HTTP response time, FTP response time, CPU load, memory load.

1 27. (New) The apparatus of Claim 25, wherein the determining service metrics
2 module determines service metrics at predetermined intervals.

1 28. (New) The apparatus of Claim 25, further comprising:
2 a module for determining whether the requested static content is resident on the Web
3 cache;
4 a module for determining a customer Web server that has the requested static content
5 when the requested static content is not resident on the Web cache;
6 wherein the Web cache retrieves the requested static content from the customer Web
7 server; and
8 a module for storing the requested static content from the customer Web server on the
9 Web cache.

1 29. (New) The apparatus of Claim 28, wherein the customer Web server from which
2 static content is retrieved is predetermined.

1 30. (New) The apparatus of Claim 21, wherein the network of POP servers comprises
2 more than one DNS server.

1 31. (New) An apparatus, comprising:
2 a module for sending a Web page resident on a customer Web server to a requesting user,
3 the Web page including cacheable content represented by an embedded URL and dynamic
4 content represented by a second embedded URL;
5 wherein the dynamic content is served by a plurality of customer Web servers; and
6 wherein the cacheable content is served by a plurality of Web caches within a POP server
7 network.

1 32. (New) The apparatus of Claim 31, wherein the sending module further
2 comprises:
3 a module for determining traffic loads of the plurality of customer Web servers using a
4 probe server;
5 a module for selecting the customer Web server from the plurality of customer Web
6 servers using a DNS server, the customer Web server having a traffic load more appropriate for a
7 user request than traffic loads of other customer Web servers in the plurality of customer Web
8 servers; and
9 a module for sending the user request for the Web page to the customer web server.

1 33. (New) The apparatus of Claim 32, wherein the traffic loads include latency
2 measurements between the probe server and the plurality of customer Web servers.

1 34. (New) The apparatus of Claim 32, wherein the determining traffic loads module
2 measures traffic loads at predetermined intervals.

1 35. (New) The apparatus of Claim 31, further comprising:

2 a module for determining service metrics of the plurality of Web caches using a probe

3 server;

4 a module for selecting a Web cache from the plurality of Web caches using a DNS

5 server, the Web cache having service metrics more appropriate for a user request from the Web

6 page than service metrics of other Web caches in the plurality of Web caches;

7 a module for sending the user request for the static content to the Web cache; and

8 wherein the Web cache sends the static content to the requesting user.

1 36. (New) The apparatus of Claim 35, wherein the service metrics include metrics

2 selected from: HTTP response time, FTP response time, CPU load, memory load.

1 37. (New) The apparatus of Claim 35, wherein the determining service metrics

2 module determines service metrics at predetermined intervals.

1 38. (New) The apparatus of Claim 35, further comprising:

2 a module for determining whether the requested static content is resident on the Web

3 cache;

4 a module for determining a customer Web server that has the requested static content

5 when the requested static content is not resident on the Web cache;

6 wherein the Web cache retrieves the requested static content from the customer Web

7 server; and

8 a module for storing the requested static content from the customer Web server on the

9 Web cache.

1 39. (New) The apparatus of Claim 38, wherein the customer Web server from which

2 static content is retrieved is predetermined.

1 40. (New) The apparatus of Claim 31, wherein the network of POP servers comprises
2 more than one DNS server.